






Lipids and their use, for example, in liposomes**B1**

Patent number: DE19605175
Publication date: 1997-08-14
Inventor: JUNG GUENTHER (DE); SOUROVOI ANDREJ (DE)
Applicant: SOUROVOI ANDREJ DR (DE)
Classification:
- international: C07K14/00; C07K9/00; A61K9/127; C07C237/08; C07H21/00; C07K1/04; C12N15/87
- european: C07K1/107D4; A61K9/127B2; A61K47/48R; C07C237/08; C12N15/87; C07K14/47
Application number: DE19961005175 19960213
Priority number(s): DE19961005175 19960213

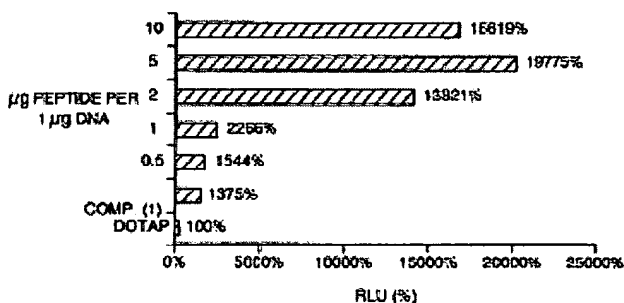
Also published as:

 WO9730024 (A3)
 WO9730024 (A2)
 EP0883602 (A3)
 EP0883602 (A2)
 US6458381 (B1)

more >>

Abstract of DE19605175

The invention concerns lipids suitable for the transport of biologically active substances or molecules in cells. A preferred lipid is L-lysine-bis-(O,O'-cis-9-octadecenoyl- beta -hydroxyethyl) amide dihydrochloride or one of its optical isomers. In addition, the invention concerns complexes of such lipids with polyanions such as DNA and RNA, and ternary complexes of the lipids described with polyanions and polycations. Finally, the invention concerns liposome formulations made from biologically active substances and the lipids described, as well as methods of transporting polyanions, polycations or biologically active substances through biological membranes by means of these lipids.



Data supplied from the **esp@cenet** database - Worldwide